Chemistry Cooperative Agreement Kickoff/Workshop

August 14-15, 1996

Building 8 Auditorium

NASA Goddard Space Flight Center, Greenbelt, MD

Wednesday, August 14th, 1996

8:30	Welcome/Logistics (Adams)
9:00	Introduction/Challenge (Hrastar/Peterson)
9:15	GSFC's Study Expectations and Approach (Adams) (Assumptions, System Requirements, Available Documentation, Study Schedule, Points of Contact, CA Signatures)
10:15	**Break**

NASA/GSFC Technologies for Reducing Satellite Cost

10:30	Metal Matrix Composites for Thermal Management Systems (Casto) (Applications, Parts and Material Processes)
11:00	Advanced Command and Data Handling Resources (Ruffa) (1773/1553 Bus Interfaces w/1750A, High Density Solid State Memory, RISC Processors)
11:30	**Lunch**
1:00	Data Compression (Miller) (Chips and Software Algorithms Available in time for Chemistry Mission)
1:30	Multi-Functional Guidance, Navigation and Control using GPS (Lightsey) (Several Approaches for GPS orbit Determination, Navigation and Control)
2:00	Multi-junction Solar Cells (Lyons) (High-Efficiency/Lightweight Direct Replacement for GaAs Solar Cells)
2:30	**Break**

Chemistry Study Interfaces and Requirements

2:45	Taurus Launch Vehicle (Kraft) (Overview, Interfaces, Environments and Services)
3:15	EOS Data Information System (Nelson/DeVito) (Overview, Control, Science Data Flow, Interface Requirements)
4:45	Wrap-up (Adams)

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8:30	Introductions/Instructions (Adams/Taylor)
	Chemistry Mission Instrument Suite Overview and Interfaces
9:00	High Resolution Dynamics Limb Sounder (HIRDLS)
10:00	Questions and Informal Break
10:30	Tropospheric Emission Sounder (TES)
11:30	Questions
12:00	**Lunch**
1:30	Microwave Limb Sounder (MLS)
2:30	Questions and Informal Break
3:00	Ozone Dynamics Ultraviolet Spectrometer (ODUS)
4:00	Questions
4:30	Wrap-up (Adams)